

Anti-IRAK2 Antibody (9Y118)

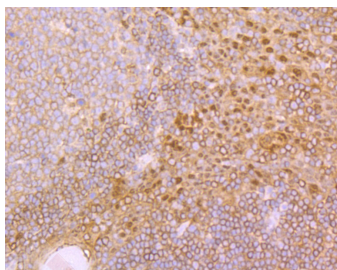
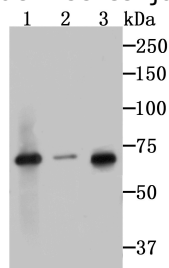
Product Details

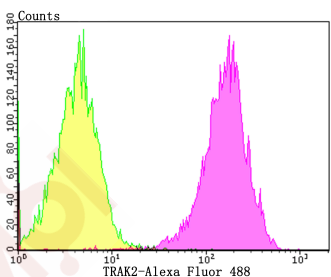
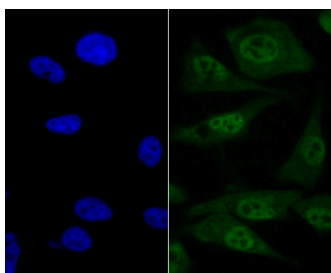
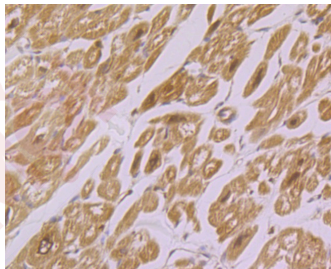
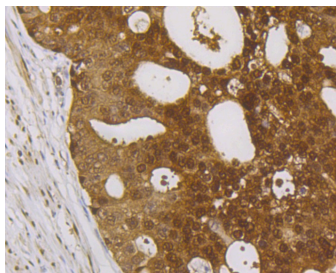
Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 69 kDa.
Clone:	9Y118
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of IRAK2 on different cell lysates using anti-IRAK2 at 1/500 dilution. Positive control: Line 1: PC-3M, Line 2: A549, Line 3: HepG2.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-IRAK2 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue using anti-IRAK2 antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human heart tissue using anti-IRAK2 antibody. Counter stained with hematoxylin.
5. ICC staining IRAK2 in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
6. Flow cytometric analysis of Jurkat cells with IRAK2 antibody at 1/50 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.





Application: FCM, ICC, IF, IHC, IP, WB

Recommended WB: 1:500-2000; IHC: 1:50-200; ICC: IF: 1:50-200; IP: 1:10-50; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: human IRAK2 aa 1-200

Antigen Species: Human

Uniprot ID: O43187

Synonyms: Interleukin-1 receptor-associated kinase-like 2; IRAK2; IRAK-2

Research Background

IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB. IRAK2 has been shown to interact with TRAF6 and Myd88.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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